9/28/01 Exp wB5001 Data Analysis

Flask 1, $t = 3h$

IC Beckman	4613	3994	4455	4354 ± 322
IM	1073	1024	957	1018 ± 58
			net cpm	3336 cpm

Coulter 1800 1788 1776 1788 ± 12

× 400 = 715200 cells/ml

Uptake $\frac{3336 \text{ cpm}}{0.2 \text{ ml}} \quad \frac{1}{715200 \frac{\text{cells}}{\text{ml}}} =$ **0.023 cpm/cell at $t = 3h$**

Flask 2, $t = 4.67h$

2C	6016	5856	5165	5679 ± 452
2M	1088	1081	1079	1083 ± 4.7
				4596 cpm

Coulter 2014 2205 2183 2134 ± 105

× 400 = 853,600 cells/ml

Uptake $\frac{4596 \text{ cpm}}{0.2 \text{ ml}} \quad \frac{1}{853{,}600 \frac{\text{cells}}{\text{ml}}} =$ **0.027 cpm/cell at $t = 4.67h$**